

# GUANGYANG SECONDARY SCHOOL

## Semestral 1 Plan for Secondary 3E Pure Chemistry (6092) 2023

### Curriculum

**Textbook:** Chemistry Matters –3<sup>rd</sup> edition (new)

Term 1 Week	Chapter / Topic	Page no.	Assignments/Tests
1	Expectations Laboratory rules (briefing)	Collect holiday assignments	
2-3	Kinetic Particle Theory	25-34	Assignment / Practical
4	Element/compound/mixture	81-84	Assignment / Practical
5-6	Experimental Chemistry	1-21	Assignment / Practical
7	Atomic Structure	45-52	Assignment
8 - 9	Chemical Bonding -ionic / covalent / metallic	59-76	Assignment / Practical
10	Structure and properties of materials -ionic compounds - covalent substances	85-95	Assignment
Term 2 Week	Chapter / Topic	Page no.	Assignments/Tests
1-2	Structure and properties of materials -covalent substances -metals and alloys	88-95 96-100	Assignment
3-4	Chemical formula and Equations	105-120	Assignment
5-6	Acids and Bases	145-164	Assignment / Practical
7-8	Salts	165-178	Assignment / Practical
9-10	Ammonia	179-188	Assignment /Practical

Lessons may be affected by Chinese New Year holidays, Weighted Assessments and WEALth week.

### Assessment Plan

Semester 1	Class tests (topical) Weighted Assessment	WA1	WA2
		15 %	15 %

### Format of Weighted Assessment (WA)

Part 1 (5 marks)	Multiple Choice questions (5)	Calculator can be used. Answers to 3 S.F. for calculation questions.
Part II (35 marks)		
Section A (25 marks) Section B (10 marks)	5 structured questions 1 Free response question	
Total marks: 40	Duration: 50 mins	